

Claims

1. A holder structure to be used as a cassette of a cassette type stapler, comprising: a holder member including a top side portion, a bottom side portion, a right side portion, a left side portion, a front side portion and a back side portion; and a staple guide member extending in the inside of said holder member in the axial direction of said holder member,
wherein, in case the sections of X-Y directions of a portion forming said top side portion, a portion forming said bottom side portion, a portion forming said right side portion, a portion forming said left side portion, a portion forming said front side portion, a portion forming said back side portion and a portion forming said staple guide member are projected in one virtual plane in the X-Y directions, the section of one portion in the X-Y directions and the section of another portion in the X-Y directions are absent over each other in a Z-direction.
2. A holder structure to be used as a cassette of a cassette type stapler, comprising: a holder member including a top side portion, a bottom side portion, a right side portion, a left side portion, a front side portion and a back side portion; and a holder spring engaging member,
wherein, in the sections of X-Y directions of a portion forming said top side portion, a portion forming said bottom side portion, a portion forming said right side portion, a portion forming said left side portion, a portion forming said front side portion, a portion forming said back side portion and a portion forming holder spring engaging member, the section of one portion in the X-Y directions and the section of another portion in the X-Y directions are absent over each other in a Z-direction.
3. A holder structure to be used as a cassette of a cassette type stapler, as set forth in claim 2, further comprising:
a staple guide member extending in the inside of said holder member in the axial direction of said holder member,
wherein all the members are made integral, and

wherein in the section of the X-Y directions of a portion forming said staple guide member, the section of a portion forming said staple guide member in the X-Y directions and the section of said another portion in the X-Y directions are absent over each other in a Z-direction.

4. A holder structure as set forth in claim 3, characterized by comprising a spring guide inside of said holder structure.

5. A cassette for a cassette type stapler, characterized by comprising:
a holder structure to be used as a cassette of a cassette type stapler including: a holder member having a top side portion, a bottom side portion, a right side portion, a left side portion, a front side portion and a back side portion; a holder spring engaging member; and a staple guide member extending in the inside of said holder member in the axial direction of said holder member, wherein all the members are made integral, and wherein, in the sections of X-Y directions of a portion forming said top side portion, a portion forming said bottom side portion, a portion forming said right side portion, a portion forming said left side portion, a portion forming said front side portion, a portion forming said back side portion, a portion forming said holder spring engaging member, and a portion forming said staple guide member, the section of one portion in the X-Y directions and the section of another portion in the X-Y directions are absent over each other in a Z-direction;

a feeder including a feeder spring engaging member; and

a spring engaging at its one end with said holder spring engaging member and at its other end with said feeder spring engaging member.

6. A cassette as set forth in claim 5, characterized by comprising staples pushed forward by said feeder member to slide along said staple guide.

7. A cassette as set forth in claim 5 or 6, characterized in that the spring is a tension spring.

8. A cassette as set forth in claim 7, characterized in that said holder structure has a spring guide, and in that said spring engages with said spring guide between said one end and said other end to have a U-letter shape.

9. A cassette as set forth in claim 5 or 6, characterized in that the spring is a push spring.
10. A cassette as set forth in claim 5 or 6, characterized in that said staple guide member supports the top backs of the staples.
11. A cassette as set forth in claim 5 or 6, characterized in that said staple guide member supports the leading ends of the legs of the staples.